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Signed: \_\_\_\_\_

Karen Hallock

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 09/469,715 Confirmation No.: 5302  
Applicant : JAMES M. GARDNER et al.  
Filed : December 21, 1999  
TC/A.U. : 2662  
Examiner : HANH N. NGUYEN  
  
Docket No. : CISC647  
Customer No. : 26541  
Title : WIDE RANGE FREQUENCY OFFSET  
ESTIMATION OF OFDM SYSTEMS

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Technology Center 2600

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT A

Sir:

In response to the Office Action of August 7, 2003, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.